PATENT COOPERATION TREATY

PCT

TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference P35958-P0				FOR FURTHER A	CTION	See Form PCT/IPEA/416			
International application No.				International filing da	te (day/month/year)	Priority date (day/month/year)			
PCT/JP2005/000339				14.01.200	5	16.01.2004			
Internati	ional Pa	tent Classificatio	n (IPC) or natio	onal classification and l	PC				
G11B7/095									
Applicant MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.									
1.	1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.								
2.	2. This REPORT consists of a total of			sheets, including this cover sheet.					
3.	This re	eport is also acco	mpanied by Al	NNEXES, comprising:					
	a. D	(sent to the	applicant and	to the International Bu	reau) a total of 13	sheets, as follows:			
	sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).								
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.								
	b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s))								
	, containing a sequence listing and/or tables								
	related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).								
4.	This report contains indications relating			ng to the following item	ıs:				
	Box No. I Basis of the			report					
	Box No. II Priority Box No. III Non-establishm Box No. IV Lack of unity o								
				shment of opinion with	nment of opinion with regard to novelty, inventive step and industrial applicability of invention				
				ty of invention					
	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement								
	Box No. VI Certain documents cited			uments cited					
	Box No. VII Certain defects in t			ects in the international	in the international application				
	\boxtimes	Box No. VIII	Certain obse	ervations on the interna	tional application				
Date of	submiss	ion of the deman	d		Date of completion of thi	s report			
Name a	Name and mailing address of the IPEA/JP				Authorized officer				
Facsimile No.				Telephone No.					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2005/000339

Box	No. I	Basis of the report		
1.		n regard to the language, this report is based on the internation cated under this item.	nal application in the language in	which it was filed, unless otherwise
		This report is based on translations from the original langua which is the language of a translation furnished for the purp international search (Rule 12.3 and 23.1(b))		·
		publication of the international application (Rule 12.4))	
		international preliminary examination (Rule 55.2 and/	or 55.3)	
2.	rece	n regard to the elements of the international application, this iving Office in response to an invitation under Article 14 are report):		
		the international application as originally filed/furnished		
	\bowtie	the description:		
		pages 1-4,8-11,13-14,17		as originally filed/furnished
		pages* _5,5/1,6,6/1,7,7/1,12,15,15/1,16	received by this Authority on	14.11.2005
		pages*	received by this Authority on	
	\boxtimes	the claims:		
		nos. 2,4-5,7-8		as originally filed/furnished
		nos.*	as amended (together	with any statement) under Article 19
		nos.* _ 1,3,6	received by this Authority on	14.11.2005
		nos.*	received by this Authority on	
	\boxtimes	the drawings:		
		sheets fig. 1-11		as originally filed/furnished
		sheets*	received by this Authority on	
		sheets*	received by this Authority on	
		a sequence listing and/or any related table(s) – see Supplem	_	_
3.		The amendments have resulted in the cancellation of:		
		the description, pages		
		the claims, nos.		
		the drawings, sheets/figs		
		the sequence listing (specify):		
		any table(s) related to sequence listing (specify):		
4.		This report has been established as if (some of) the amend they have been considered to go beyond the disclosure as file.		
		the description, pages		
		the claims, nos.		
		the drawings, sheets/figs		
		the sequence listing (specify):		
		any table(s) related to sequence listing (specify):		
*	If ite	em 4 applies, some or all of those sheets may be marked "supe	erseded."	

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2005/000339

YES
NO
YES
NO
YES
NO
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- 2. Citations and explanations (Rule 70.7)
 - Document 1: JP 1-140432 A (Sony Corp.), 01 June 1989, page 3, lower left column, line 20 to page 5, lower left column, line 13 and fig. 1 to 3
 - Document 2: JP 10-134380 A (Matsushita Electric Industrial Co., Ltd.), 22 May 1998, paragraphs [0021] to [0029] and fig. 1 to 6
 - Document 3: JP 9-50303 A (Mitsubishi Electric Corp.), 18 February 1997, paragraphs [0030] to [0082] and fig. 1 to 9
 - Document 4: JP 3-194736 A (Konica Corp.) 26 August 1991, entire text and fig. 1 to 5

The inventions set forth in claims 1 to 8 are not disclosed in any of the documents that are cited in the international search report, and would not have been obvious to a person skilled in the art (however, refer to box VIII).

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Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

The inventions set forth in the present application are capable of exhibiting an effect whereby said inventions "prevent phase rotation from occurring during the filtering process, and specifically exhibit a high tracking performance even in relation to partial side runouts that have high-frequency components."

In order for the inventions to be capable of exhibiting the abovementioned effect, it is considered to be necessary for the "operating frequency of the drive signal (or a sub-frequency thereof)" to be higher than the switching frequency of the "plurality of memory regions." However, the feature indicated in the underlined section is not explicitly set forth in the disclosures in claims 1 and 6 (or in the disclosures of claims 2 to 5, 7 and 8, which cite claim 1 or claim 6).